

IN THE CLAIMS:

This listing of claims below will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A transgenic animal into which a gene encoding a trans-synaptic tracer protein is introduced so as to direct specific expression in neurons.
2. (Original) The transgenic animal according to claim 1, wherein a promoter specific to the particular neurons is located upstream of the gene encoding the trans-synaptic tracer.
3. (Currently Amended) The transgenic mouse according to claim 1 ~~or 2~~, wherein the trans-synaptic tracer protein is wheat germ agglutinin.
4. (Currently Amended) A method for screening for neuromimetic substances, which comprises:
 administering a test substance to the transgenic animal according to ~~any one of claims 1 to 3~~ claim 1; and
 selecting a neuromimetic substance from among the test substances by using as an indicator the trans-synaptic protein expressed in neurons of the non-human transgenic animal.
5. (Original) A neuromimetic substance obtainable by the screening method according to claim 4.